

Daily Report 9/16/13

Tetra Tech

This report covers 9/13-9/15, 2013.

Directive #1 – Indoor Air

- Draft Concept Plan for phased approach to indoor air monitoring plus installation of alarm systems and ventilation systems was submitted to DNR on 12/13/12 for comments and the detailed Work Plan was submitted to DNR on 1/14/13 for comments.
- Current total: 112 sets at 53 locations. No positive alarms of installed monitor pairs have occurred to date.
- A total of ten monitoring pairs and associated transmitters have been provided to Assumption Parish, at their request.
- Continued monthly monitor calibration.
- Continued indoor air screening; 45 properties surveyed to date with no detections of %LEL or H2S.
- Conducted vapor monitoring at 134 Sportsman's Drive (2 probes in the house). Noted problem with the probe in the garage; will install a new probe on Monday.
- Obtained measurements at 121 Sportsman's Drive for as built drawings.
- Removed pressure monitoring equipment at 1465 Sauce Piquante.
- Constructed a privacy fence for the ventilation system at 1438 Sauce Piquante.
- Evacuated water from the ventilation system piping (in the morning, prior to vapor monitoring) at 116 Crawfish Stew (east vent); 1465 Sauce Piquante (side vent); and 1433 Sauce Piquante (garage vent).
- Corrected blower problem in the guest house at 1433 Sauce Piquante. Further troubleshooting concerning water in probe impacting blower operation is planned.
- Boudreaux Electric completed electrical service to the new blowers at 135 Crawfish Stew. The units were returned to operation.
- Completed start up procedures at 174 Crawfish Stew and the four units brought on line.

Directive #2 – Additional Relief Wells and Directive #3 – Overall Plan

- Met with DNR/Shaw on 1/24/13, reached agreement on well designs.
- Radius of Influence (ROI) wells are installed at well pads ORW-5 & ORW-9.
- The field portion ROI testing was completed July 21st. Report is being finalized.
- Completed daily ORW well data collection.
- Continued preparing for Pilot Dewatering Test Program.
- Met with Rock's Trucking to map out and locate the path to be cleared and prepared for CPT-90, to the west of Bayou Corne. Also mapped out and located the path for CPT-117.

Directive #4 – Operation of All Wells

- Flares #2, #3, #4, and #5, are operating. Two additional flares have been received and will be available as needed.
- Well work overs are ongoing for all low-producing and non-flowing wells.
- Barton meters have been installed on flowing wells.
- Performed daily flare maintenance.
- Performed Barton Meter routine maintenance.
- Responded to flare 3 shutdown; dewatered header line.
- Increased flow at ORW 46. Monitored and adjusted for stability.
- Reduce flow on ORW 42 due to pressure loss.
- Increased flow at ORW 39 to “kill” the well in preparation for pump installation.
- Removed the pump well head from ORW-16 and installed it at ORW-39. Removed the air lift tubing at the well and installed a new QED AP-2 pump.
- Cut and extended the 2" HDPE gas pipe between ORW-40 and flare 3 to accommodate the building of a new pad (for camera installation) north of the north berm.
- Set up the repaired transducer (LevelTroll) for ORW-38; installed it in the casing.
- Began the process of locating and providing secondary containment for the portable diesel-powered air compressors to be used in the upcoming two-week pump/drawdown test at ORW-39 & 40, ORW-9 and OGRW-1.

Directive #5 – Sinkhole Containment

- Joint Application to OCM and COE, which included sinkhole containment design and additional ORW wells, was submitted on 2/14/13.
- Initial containment of the sinkhole area completed.
- A pre-construction meeting was held on-site on March 27th for TBC and contractors.
- Construction of the containment system began April 1st.
- North Levee final containment system installation is approximately 98% complete.
- Compaction testing complete (8 Soil density tests on the south berm). South Levee final containment system installation is at final clay elevation and approximately 75% complete, overall.
- West Levee (new alignment) final containment system installation is approximately 98 % complete.
- East levee along TBC access road and plant approximately 98% complete.
- Contractor imported 600 cubic yards of sand, placing it for the new sinkhole access pad on the north berm.
- 180 cubic yards of sand was imported and used to begin building a pad on the north side of the north berm for a camera installation.
- Contractor unloaded the remaining concrete mats for the overflow structure. Also received 2 rolls of geotextile fabric.